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	NPI	Technical Report No. CS99-1, 1999.			
		2. L. Q. Zhang, S. Amari and A. Cichocki, "Natural Gradient App	proach to Blind Separation of Over and Un	der Complete Mixtures,"	
	NP2	Proceedings of ICA'99, Aussois, France 1999.		D	
		Te-Won Lee, M. S. Lewicki, M. Girolami and S.J. Sejnowski,	"Blind Course Consention of More Courses	Then Michigan	=(
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		Using Overcomplete Representations," IEEE Signal Processing L	etters, vol. 6, No. 4, pp. 87-90, April 1999.		٧.
	NP4	Using Overcomplete Representations," IEEE Signal Processing L 4. H-C. Wu, J. C. Principe and D. Xu, "Exploring the Time-frequency of the Complex of the Com	uency Microstructure of Speech for Blind S	Source Separation," ICASSP'98, pp 66 1970/	gy
	NP5	5. P.E. Gill, W. Murray and M.H. Wright, Practical Optimization			
	NP6	6. P. Bofill and M. Zibulevsky, "Blind Separation of More Source Proc. Of ICA Workshop, July 1999, pp. 87-92.	es than Mixtures Using Sparsity of their Sh	ort-time Fourier Transform,"	
		The. Often Workshop, July 1999, pp. 07-92.			
	NP7	7. B.A. Olshausen and D. J. Field, "Sparse Coding with an Overc	complete Basis Set: A Strategy Employed b	•	
	RF/	In Vision Research, vol. 37, pp. 3311-3325, 1997.		RECEIL	/F
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